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TRANSMITTAL	Application Number Confirmation Number	10/686,221 6364	
FORM .	Filing Date	10/15/2003	
, t	First Named Inventor	Joseph Michael Christie	
d for all correspondence after initial filing)	Art Unit	2664	
	Examiner Name		

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(to be used for all correspondence after	Art Unit .		2664		
		Examiner Name			
Total Number of Pages in This Submiss	sion 209	Attorney Docket N	umber	1110d	
	ENCLO	SURES (check all tha	at apply)		
Fee Transmittal Form	☐ Drawing(s	s)		After Allowance Communication to TC	
Fee Attached		-related Papers		Appeal Communication to Board of Appeals and Interferences	
Amendment / Reply	Petition		,	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
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Affidavits/declaration(s)		Attorney, Revocation of Correspondence Add	ress	Status Letter	
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Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR1.52 or 1.53	Remarks It is believed that no fees are due in this matter. However, if it is determined that fees are due, the Commissioner is authorized to debit Deposit Account No. 210765 for the required fees.  I hereby state that each item of information contained in this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits pursuant to 37 CFR 1.97(b).				
SIG	NATURE OF A	APPLICANT, ATTO	RNEY, OI	R AGENT	
Firm	Setter Ollila LLC			\.	
Signature					
Printed Name	Stephen S. Roc	he	*		
Date	12-20-	-05	Reg. No.	52,176	
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INFORMATION DISCLOSURE **S**TATEMENT BY APPLICANT

Complete if Known 10/686,221 Application Number Filing Date 10/15/2003 First Named Inventor Joseph Michael Christie Art Unit 2664 Examiner Name

(Use as many sheets as necessary)

Substitute for form 1449A/PTO

Sheet 11.10d Attorney Docket Number

			U.S. PATENT I	<del>-</del>	· · · · · · · · · · · · · · · · · · ·
Examiner Initials *	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan
TIME IS	140.	Number - Kind Code <sup>2</sup> (if known)			Figures Appear
	1	US- 4,720,850	01/19/1988	Oberlander et al.	
	2	US- 4,730,312	03/08/1988	Johnson et al.	
	3	US- 4,736,364	04/05/1988	Basso et al.	
	4	US- 4,748,658	05/31/1988	Gopal et al.	
	5	US- 4,757,526	07/12/1988	Foster et al.	
	6	US- 4,763,317	08/09/1988	Lehman et al.	
	7	US- 4,853,955	08/01/1989	Thorn et al.	
	8	US- 5,003,584	03/26/1991	Benyacar et al.	
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	10	US- 5,051,983	09/24/1991	Kammerl	
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	13	US- 5,185,743	02/09/1993	Murayama et al.	
	14	US- 5,204,857	04/20/1993	Obara	-
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	22	US- 5,327,421	07/05/1994	Hiller et al.	
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	31	US- 5,420,858	05/30/1995	Marshall et al.	
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	32	US- 5,422,882	06/06/1995	Hiller et al.	
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	34	US- 5,428,609	06/27/1995	Eng et al.	
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Substitute for form 1449A/PTO Complete if Known Application Number 10/686,221 **INFORMATION DISCLOSURE** Filing Date 10/15/2003 STATEMENT BY APPLICANT First Named Inventor Joseph Michael Christie 2664 Art Unit (Use as many sheets as necessary) Examiner Name 1110d Sheet Attorney Docket Number

		Document Number		Name of Patentee or Applicant of	
Examiner Initials *	Cite No.1	Number - Kind Code² (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
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	49	US- 5,509,010	04/16/1996	La Porta et al.	
	50	US- 5,519,707	05/21/1996	Subramanian et al.	
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	78	US- 6,175,574	01/16/2001	Lewis	
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			•	Application Number	10/686,221
INFO	RMATION I	DISC	CLOSURE	Filing Date	10/15/2003
STAT	STATEMENT BY APPLICANT			First Named Inventor	Joseph Michael Christie
			•	Art Unit	2664
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Sheet	3	of	4	Attorney Docket Number	1110d

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°			
8	81	EP0439098	07/31/1991	Tanabe et al.					
	82	WO9214321	08/20/1992	Takase et al.					
	83	JP2215247	08/28/1990	Tsuboi et al.					
	84	JP1300738 .	12/05/1989	Suzuki et al.					
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	87	JP4196635	07/16/1992	Osahide .					
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	89	JP6006320	01/14/1994	Baba et al.					
	90	JP6209365	07/26/1994	Toshiro et al.					
	91	JP7250099	09/26/1995	Koshiro et al.					
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	94	EP0935856	08/18/1999	Christie et al.					
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	INITO	DNATION	DIC	CL OCUDE	Application Number	10/686,221	
				CLOSURE	Filing Date	10/15/2003	
STATEMENT BY APPLICANT				PPLICANT	First Named Inventor	Joseph Michael Christie	
	(Use as many sheets as necessary)				. Art Unit	2664	
					Examiner Name		
	Sheet	4	of	4	Attorney Docket Number	1110d	

		NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>				
	95	KURIBAYASHI, SHIN-ICHI; Advanced Signaling Protocol for Broadband ISDN Services; Electronics and Communications in Japan; Part 1, Volume 78, Number 1, Pages 1-12.					
	96	Hungarian office action dated June 23, 1999 citing Hungarian patent number HU170127 for Hungarian Application No. P9900232; 2 pages.					
	97	Russian office action dated April 22, 2002 citing Russian patent numbers RU2013011 and RU2007880 for Russian Application No. 99112956; 6 pages.					
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